

Remarks/Arguments:

By this Amendment, Applicants have amended claims 1, 2, 3, 7, 8, 9 and 11. And Applicants withdrawn claims 12-19 have been canceled. Claims 1-11 are pending.

There are no rejections or objections to claims based on prior art. The only rejection is under Section 112, and a related objection is pending with respect to the drawings.

Claim Rejections Under Section 112

Claims 1-11 stand rejected under 35 U.S.C. § 112, first paragraph, as "failing to comply with the written description requirement". Focusing first on claim 1, the Examiner has taken the position that there is no support for the feature of "having an estimated position of the object substantially equal to a first position" in step (h). The Examiner further states that claims 2, 7, 8, 9 and 11 have the same or a similar recitation. By this Amendment, Applicants respectfully traverse the Section 112, first paragraph, rejection.

Applicants have amended claims 1, 2, 3, 7, 8, 9 and 11 to overcome the Section 112, first paragraph, rejection.

Focusing first on claim 1, Applicants have deleted step (h) which includes the feature for which the Examiner alleges there is no support. Applicants have further amended claim 1 to more clearly set forth the image recognizing method without deviating from the image recognizing method which the Examiner has concluded is not found in the prior art. It is Applicants further contention that the amendment to claim 1, as well as the other amended claims is not the addition of new matter but is based on the application as originally filed. In claim 1, Applicants have an "updating" step to more clearly define Applicants claimed invention without deviating from the method not found in the prior art. The support for this step is found throughout the originally filed application; for example, see Step 306 in Fig. 3 and page 13, lines 12-14 of the specification, as well as Step 906 in Fig. 9 and page 17, line 23 to page 18, line 1 of the specification.

Based on the amendments to claims 1, 2, 3, 7, 8, 9 and 11, Applicants contend that all pending claims are in full compliance with Section 112.

Drawing Objections

The drawings are objected to under 37 CFR 1.83(a). The drawing objection is based substantially on the same issue raised by the Examiner with respect to the 112 rejection. By amending claims 1, 2, 3, 7, 8, 9 and 11, Applicants have eliminated the basis for the drawing objection. Applicants request that the Examiner withdraw the objection to the drawings based on Applicants amendment of claims.

In view of the foregoing remarks and amendments, Applicants respectfully submit that claims 1-11 are in condition for allowance. Reconsideration and allowance of all pending claims are respectfully requested.

Respectfully submitted,

Daniel N. Calder

Lawrence E. Ashery, Reg. No. 34,515
Daniel N. Calder, Reg. No. 27,424

DNC/ds/dmw

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P.O. Box 980
Valley Forge, PA 19482
(610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, with sufficient postage, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 13, 2004.

Donna M. Wellings
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